

**Listing of Claims:**

**1-20.** Cancelled

**21.** (Currently Amended) A flashlight comprising:

an elongated body adapted to hold a battery;

an ultra violet emitter secured to said body and arranged to selectively produce ultra violet emissions, said ultra violet emitter including a semiconductor junction adapted to generate said ultra violet emissions; and

a transparent cover on said body, said ultra violet emitter emitting ultra violet radiation through said cover;

wherein said elongated body has an end, with said Ultra Violet emitter being attached to said end, and wherein said cover is a quartz element attached to said body to protect said ultra violet emitter.

**22.** (CANCELLED) The flashlight of claim 21 wherein said elongated body has an end, with said UV emitter being attached to said end, and wherein said cover is a quartz element attached to said body to protect said ultra violet emitter.

**23.** (Currently Amended) The flashlight of claim ~~22~~ 21 wherein said quartz element is arranged and constructed to shape the beam formed by said ultra violet emissions.

**24.** (CURRENTLY AMENDED) The flashlight of claim ~~22~~ 21 wherein said quartz element is removable from said body.

**25. (ORIGINAL)** The flashlight of claim 21 wherein said body is flexible to allow said flashlight to take a selected configuration.

**26. (Currently Amended)** A flashlight comprising:

a housing;

a ultra violet source generating electromagnetic radiation in the ultra violet range from a semiconductor junction; and

~~a cover~~ a lens made of quartz; and

a projection mirror arranged to direct said ultra violet electromagnetic radiation externally of said housing through said ~~cover~~ lens.

**27. (Previously Amended)** The flashlight of claim 26 wherein said ultra violet source is without a lens.

**28. (ORIGINAL)** The flashlight of claim 26 further comprising a power source disposed in said housing.

**29. (ORIGINAL)** The flashlight of claim 26 wherein said housing includes a rigid portion and a flexible portion.

**30. (PREVIOUSLY AMENDED)** The flashlight of claim 29 further comprising a power source disposed in said rigid portion, with said ultra violet source being disposed in said flexible portion.

**31. ( PREVIOUSLY AMENDED)** The flashlight of claim 26 wherein said ultra violet source includes a disc and a reflector mounted on said disc with said semiconductor junction positioned with said reflector and generating the ultra violet electromagnetic radiation toward said reflector which then generates a corresponding ultra violet beam.

**32. (CURRENTLY AMENDED)** -The flashlight of claim 26 ~~further comprising a~~ wherein said lens is mounted on the housing and arranged to transmit said electromagnetic radiation in a predetermined pattern.

**33. (CURRENTLY AMENDED)** The flashlight of claim ~~32~~ 26 ~~further comprising~~ wherein said lens is selected from a set of replaceable lenses, each lens having a different shape and generating a different type of beam.

**34. (CANCELLED)** The flashlight of claim 32 wherein said lens is made of quartz.

**35. (ORIGINAL)** The flashlight of claim 26 wherein said semiconductor junction is mounted in a metallic package.